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hydrogen peroxide generating means containing immobilized reagent capable of oxidizing said glucose reaction product to hydrogen peroxide.

22. The apparatus of claim 21 wherein said detection means comprises a hydrogen peroxide sensitive electrochemical cell.

23. A method for determining the presence of an antigen in a biochemical fluid, comprising:

- a. contacting a sample of said fluid with an immobilized antibody specific to said antigen, said antibody initially having bound thereto an immunologically equivalent amount of enzyme-antigen complex, the antigen of said complex corresponding to said antigen,

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- b. equilibrating said sample and said immobilized antibody under conditions sufficient to replace enzyme-antigen complex bound to said immobilized antibody with said antigen and thereby liberating a portion of said bound complexes

- c. reacting said liberated enzyme-antigen complex with a reactive substrate to produce a detectable product, and

- d. detecting the presence of said product.

24. The method of claim 23 including a quantitative testing for said predetermined antigen, the amount of said equilibrating being a measure of the presence of said predetermined antigen, and said reaction of said liberated enzyme-antigen complex with the reactive substrate producing a measurable detectable product.

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